

**ABSTRACT**

There is disclosed an independent deskew lane. An independent deskew lane may be implemented in a testing system to test whether a device under test conforms to a physical layer communications standard. The testing system may comprise lane cards to transmit data on data lanes to the device under test and receive data from the device under test. A deskew card is also included in the testing system. The deskew card may prepare deskew information independent of the lane cards according. The deskew card may have a transmitter circuit and a receiver circuit included therein which implements the independent deskew lane. A computer is coupled to the testing system. Test patterns may be provided to the lane cards and the deskew card from the computer.